DOCUMENT RESUME

ED 232 638 IR 020 026

TITLE	Odell Lake. MicroSIFT Courseware Evaluation.
INSTITUTION	Northwest Regional Educational Lab., Portland, Oreg.
PUB DATE	82
NOTE	2p.; In its: MicroSIFT Courseware Evaluations (1-87), 1982. See ED 226 765.
PUB TYPE	Reports - Evaluative/Feasibility (142)
EDRS PRICE	MF01/PC01 Plus Postage.
DESCRIPTORS	Biology; *Computer Assisted Instruction; *Computer Programs; *Ecology; Intermediate Grades; Microcomputers; Problem Solving; *Science Instruction; Secondary Education; Simulation
IDENTIFIERS	Apple II; Courseware Evaluation; *Food Webs; Microcomputer Software and Info for Teachers; PF Project; Software Evaluation; *Software Reviews

ABSTRACT

THE FOLLOWING IS THE FULL TEXT OF THIS DOCUMENT (Except for the Evaluation Summary Table): PRODUCER: MECC Publications, 2520 Broadway Drive, St. Paul, MN 55113. LOCAL DISTRIBUTORS: Contact producer for list. EVALUATION COMPLETED: Fall 1981, revised February 1, 1982. VERSION: 4.3. COST: Varied; sold in package of several programs on a disk at $30 per disk, or available through institutional subscription. ABILITY LEVEL: Grades 4-10. SUBJECT: Science: biology/food chains. MEDIUM OF TRANSFER: 5" flexible disk. REQUIRED HARDWARE: 48K Apple II, one disk drive, monitor. REQUIRED SOFTWARE: DOS 3.2, Applesoft. INSTRUCTIONAL PURPOSE: Standard instuction, enrichment. INSTRUCTIONAL TECHNIQUES: Simulation, problem solving. DOCUMENTATION AVAILABLE: Suggested grade/ability level, instructional objectives, prerequisite activities, sample program run, program operating instructions, teacher's guide, teacher's resource guide, student worksheets, follow-up activities. INSTRUCTIONAL OBJECTIVES: Understand concept of food web; identify 1st, 2nd, 3rd order of consumers on web; explain role of each animal and indicate effects of man on lake and lake on man; define words related to food web. INSTRUCTIONAL PREREQUISITES: Program assumes that students have been introduced to food chains and webs and provided with definitions of necessary terms. CONTENT AND STRUCTURE: This is a simulation using the discovery approach. Students learn about food chains by assuming the identity of each fish in the lake and making choices about behavior. ESTIMATED STUDENT TIME REQUIRED: Not available. POTENTIAL USES: Depending on student's ability and background, the program could be used in a regular or accelerated classroom with small groups of students or with the entire class. MAJOR STRENGTHS: Students are given clear, immediate, and reinforcing feedback. Simulation activities appropriately involve students. Graphics are well done. MAJOR WEAKNESSES: None cited. EVALUATION SUMMARY: Evaluators indicate they would use or recommend use of package with little or no change. (Author)

Odell Lake

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St. Paul, MN 55113

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EVALUATION SUMMARY

SA	A	D	SD	NA	
	•				Content is accurate.
•					Content has educational value.
•					Content is free of stereotypes.
•					Purpose of package is well defined.
	•				Package achieves defined purpose.
•					Content presentation is clear and logical.
	•				Difficulty level is appropriate to audience.
	•				Graphics/sound/color are used appropriately.
•					Use of package is motivational.
		•			Student creativity is effectively stimulated.
	•				Feedback is effectively employed.

SA	A	D	SD	NA	
	•				Learner controls rate and sequence.
	•				Instruction integrates with prior learning.
	•				Learning can be generalized.
	•				User support materials are comprehensive.
	•				User support materials are effective.
	•				Information displays are effective.
	•				Users can operate easily and independently.
	•				Teachers can employ package easily.
	•				Computer capabilities are used appropriately.
	•				Program is reliable in normal use.

SA - Strongly Agree A - Agree D - Disagree SD - Strongly Disagree NA - Not Applicable

IR020 026

Evaluators indicate they would use or recommend use of package with little or no change.

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(503) 248-6800

This evaluation is based on the evaluations of three or more reviewers who are representative of potential users of the courseware package.

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